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Rural District Council.

HEALTH REPORT,

FOR THE YEAR 1920.

SYDNEY HUNT, M.R.C.S. (Eng.) L.R.C.P. (Lond.),
MEDICAL OFFICER OF HEALTH.

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To the Chairman and Members of the Shardlow Rural District Council.

GENTLEMEN,

I have much pleasure in presenting the Annual Report on the Health and General Sanitary Condition of the District for the year 1920.

It is satisfactory to note that the Birth-rate has risen from 17·95 per 1,000 to 25·08 per 1,000 of the population. The Death-rate, also, has fallen from 13·54 per 1,000 to 9·93 per 1,000.

The chief needs of the District are Sewerage Schemes for Little Eaton, Stanley and Stanley Common, Water Supplies for Ockbrook, Borrowash, Draycott, Breaston, and Dale Abbey.

The Housing Schemes of the District are making good progress; 69 Houses are now occupied.

The Schemes for Sewerage which have been prepared for Little Eaton, Stanley and Stanley Common, and also for Housing, are held up by reason of finance.

Mr. Forman's Report is appended, and I thank him for his hearty co-operation during the year.

I am, Gentlemen,

Yours obediently,

SYDNEY HUNT.

July, 1921.

ANNUAL HEALTH REPORT,

FOR THE YEAR 1920.

Physical Features and General Character of the District.—The Shardlow Rural District lies in the South-Eastern, except on its North-West Boundary. It almost surrounds the small Urban District of Alvaston, and touches the Urban Districts of Long Eaton and Ilkeston on the East and North-east respectively.

Its extent is 44,358 acres, practically 69 square miles.

The Northern Portion is somewhat hilly, the altitude varying from 300 to 450 feet above sea-level. In the Valley of the Trent and Derwent it is flat, again rising to about 250 feet at Melbourne, and 400 at Derby Hills.

At the 1901 Census, there were 5,818 inhabited houses, and at that of 1911 there were 7,015.

The average number of persons per house is 4·2.

The Rateable Value in April, 1912, was £210,400, consisting of Agricultural Land, £59,454 ; Buildings and other Hereditaments. £150,946.

The Principle Industries are Agriculture, Coal Mining (West Hallam, Stanley, Dale Abbey), Lace-Making (Sandiacre, Sawley, Breaston, Draycott, Melbourne), Cotton Doubling (Borrowash, Draycott), Iron Founding (Stanton-by-Dale, Sandiacre). Brewing (Shardlow and Little Eaton). There were also Boot Factories at Melbourne, Paper Mills at Little Eaton, Colour Works at Spondon, and Gypsum Mines at Chellaston.

Geological Formation.—The principal formations are as follows :—

Alluvium.—Barrow-on-Trent, Elvaston, Shardlow, Sawley, Swarkestone, Ratcliffe, parts of Kingston, and Little Eaton.

New Red Marl.—Aston, Breaston, Chaddesden, Chellaston, Littleover, Normanton, Borrowash, Ockbrook, Risley, Hopwell, Spondon, and part of Draycott and Kingston.

Keuper Sandstone.—Weston-on-Trent, Hopwell, Ockbrook.

Bunter Sandstone.—Sandiacre, part of Dale Abbey.

Middle Coal Measures.—Kirk Hallam, West Hallam.

Lower Coal Measures.—Stanton-by-Dale, Stanley, Dale Abbey.

Millstone Grit.—Melbourne, King's Newton, Stanton-by-Bridge.

Melbourne Grit and Schales.—Breadsall, Part of Little Eaton.

Table I.—ABSTRACT FROM 1911 CENSUS RETURNS.

Parish	Area in Acres.	Families or separate occupiers	Population.		
			Persons.		Increase or Decrease
			1901	1911	
		1911			
Aston	1899	128	537	525	— 12
Barrow	1204	58	275	231	— 44
Breadsall	2441	126	515	524	+ 9
Breaston	1493	295	982	1260	+ 278
Chaddesden ...	2077	121	567	571	+ 4
Chellaston ...	851	193	654	795	+ 141
Dale Abbey ..	1599	89	427	396	— 31
Derby Hills ...	323	7	41	32	— 9
Draycott	1452	484	1504	2218	+ 714
Elvaston	2655	109	495	463	— 32
Hopwell	617	6	43	36	— 7
Kirk Hallam ...	755	17	100	103	+ 3
Little Eaton ...	573	257	992	1058	+ 66
Littleover	1465	337	998	1385	+ 387
Melbourne ...	3506	874	3580	3722	+ 142
Normanton ...	984	148	546	565	+ 19
Ockbrook	1853	662	2567	2807	+ 240
Risley	1152	63	272	269	— 3
Sandiacre	1224	742	2954	3317	+ 363
Sawley	1860	729	1751	3288	+1537
Shardlow	1204	204	948	1001	+ 53
Sinfin and Arleston	810	6	51	35	— 16
Sinfin Moor* ...	1151	11	50	59	+ 9
Spondon	2859	664	2544	2787	+ 243
Stanley	1129	294	1263	1435	+ 172
Stanton-by-Bridge	1433	27	141	133	— 8
Stanton-by-Dale ..	1462	143	655	661	+ 6
Swarkestone ...	996	41	146	166	+ 20
West Hallam ...	1360	158	678	728	+ 50
Weston	1971	77	353	330	— 23
Whole District ...	44358	7070	26629	30900	+4271

* By an order of the Local Government Board, which took effect on the 1st April, 1902, Sinfin Moor Parish was extended to include the part of Osmaston not annexed to the Borough of Derby.

VITAL STATISTICS.

Births.—Eight Hundred and Three Births were Registered during the year, as compared with 576 in 1919. This gives an annual birth-rate for the District of **25·08 per 1,000**, as against **17·95** last year.

The natural increase or excess of births over deaths was **485.**

Deaths.—The number of deaths registered as actually occurring within the District was **303.** During the year quarterly returns were made from the Registrar-General's Office, with the object of obtaining greater accuracy in the vital statistics for the Sanitary Districts throughout the country. These returns relate to "Transferable deaths," that is to say, of persons, who, having a fixed or usual residence in England or Wales, died in a district outside that in which they reside. Eighty-one of these transferable deaths were notified to this District, 48 being "inward" transfers, that is to say, deaths of residents dying in other Districts, and 33 "outward" transfers, that is to say, deaths of residents of other Districts whose death took place in this. Deducting the outward and adding the inward transfers we have a net total of 318 deaths, giving an annual death-rate for the year of 9·93 per 1,000 of the population, as against 13·54 per 1,000 last year.

Eighteen deaths were registered on Coroner's Certificates, and 3 were uncertified. The uncertified deaths occurred as follows :—

Melbourne, age 61 ; Stanley, age 86 ; Stanton-by-Dale, age 58.

Infant Mortality.—The deaths of children under 1 year numbered 52, compared with 59 in 1919. The infant mortality rate for the year was 64·75 per 1,000 births registered, as against 97·2 per 1,000 for the previous year.

The Ministry of Health Table on page 24 gives very detailed particulars of the cause of death and age in weeks and months of all infants registered during the year.

Zymotic Death Rate.—The chief epidemic diseases caused 14 deaths during the year, giving a zymotic death-rate of ·43 per 1,000 of the population.

The deaths were distributed as follows :—

Scarlet Fever—1 case at Sawley.
Diphtheria.—2 cases, Littleover 1, Sawley 1.
Measles.—9 cases, Melbourne 5, Breaston 1, Stanley 3.
Diarrhœal Diseases.—2 cases, Breaston 1, Melbourne 1.

INFECTIOUS DISEASES.

Total number of cases notified 244, consisting of Diphtheria 36, Scarlet Fever 30, Erysipelas 19, Pulmonary Tuberculosis 46. Other forms of Tuberculosis 12. Ophthalmic Neonotorum 6, Puerperal Fever 3, Pneumonia 32, Malaria 10.

Deaths.—Diphtheria 2, Tuberculosis 26, Scarlet Fever 1.

Preventive Measures.—The following are the measures adopted to prevent the spread of Infectious Diseases :—

All infected houses are visited on receipt of the notification, either by the Medical Officer or Inspector, or both. Arrangements are made for the patient's removal to Draycott Hospital, when it is desirable. If the patient is isolated at home, printed instructions are given on the best management of the case and method of isolation. Post Cards are left at all infected houses, to be returned to me when the house is ready for disinfection, and the work is then carried out under the supervision of the Inspector. When it appears necessary other visits are paid, to see that the instructions are being obeyed. When patients are removed to Hospital, the premises are usually disinfected on the same day.

All disinfecting is done with Formalin Vapour. " Vapaform " lamps are used ; they are inexpensive, handy, and require little attention.

Notices are sent (when necessary) to the Headmaster of Day Schools and Superintendents of Sunday Schools, giving full particulars of children suffering from infectious disease, and stating the length of time they and any other children in the house should be excluded from School.

Disinfectants are supplied to persons unable to provide them.

Antitoxin is supplied free to Medical Practitioners for the treatment of Diphtheria The Antitoxin is stocked by the Chemists in various parts of the District, so that no delay need occur in the Doctors obtaining the same.

Insanitary conditions found at infected houses were dealt with by Mr. Forman.

A very efficient Bacteriological Laboratory is established at the County Offices, St. Mary's Gate, Derby, by which Practitioners are enabled to obtain, for their patients, the benefits of all the modern methods of diagnosis and treatment which Bacteriology provides. This is particularly of advantage in cases of Diphtheria, Tuberculosis, Enteric Fever, Meningitis, and Venereal Diseases. No fees are charged for routine cases.

Regular systematic visits are paid to the Schools in the District in connection with the outbreak of Infectious Disease. The returns of Infectious Disease sent by School Teachers and School Attendance Officers are of great value, as they enable one to keep in touch with all the Scools in the District where Infectious Disease occurs, and to judge when prompt action is necessary. They include not only the Notifiable Infectious Diseases, but the Non-Notifiable, Chicken Pox, Whooping Cough, Mumps, &c.

Hospital Accommodation.—The Draycott Joint Hospital is available for cases of Scarlet Fever and Diphtheria. Enteric Fever cases are usually removed to the Derbyshire Royal Infirmary.

There is no Hospital Accommodation for Small Pox. Your Committee have considered the question of dealing with cases of Small Pox which may occur in the District, and are of opinion that the suggestion from the County Council to combine with neighbouring Local Authorities to provide a Small Pox Hospital, should be adopted.

Arrangements have also been made for admission of cases of Cerebro-Spinal Fever, if sufficient accommodation is available.

Diphtheria.—Cases Notified	... ...	36
Houses Infected	... ...	32
Removed to Hospital	... ..	19
Deaths	... ...	2
Case Mortality	... ...	5·55

The cases occurred as follows :—

Aston-on-Trent—3 cases, 2 houses infected, removed to hospital 0.
Dale Abbey—2 cases, 2 houses infected, removed to hospital 0.
Little Eaton—6 cases, 3 houses infected, removed to hospital 1.
Littleover—2 cases, 2 houses infected, removed to hospital 0.
Melbourne—11 cases, 11 houses infected, removed to hospital 10.
Normanton—1 case, 1 house infected, removed to hospital 0.
Ockbrook and Borrowash—2 cases, 2 houses infected, removed to hospital 1.

Sandiacre—2 cases, 2 houses infected, removed to hospital 2.
Sawley—4 cases, 4 houses infected, removed to hospital 2.
Stanley—2 cases, 2 houses infected, removed to hospital 2.
Stanton-by-Bridge—1 case, 1 house infected, removed to hospital 1.

Enteric Fever—Melbourne 1 case, Children's Hospital, Derby.

Erysipelas—Cases 19. The cases occurred as follows :—

Barrow-on-Trent 1, Breadsall 1, Breaston 1, Chaddesden 1, Little Eaton 1, Melbourne 3, Ockbrook and Borrowash 2, Sandiacre 2, Sawley 2, Spondon 4, Stanley Common 1.

Malaria.—10 cases. Borrowash 1, Melbourne 3, Ockbrook 2, Sawley 4.

Ophthalmia Neo-Natorum.—6 cases notified. Dale Abbey 1, Borrowash 1, Spondon 1, Normanton 1, Sawley 2.

Pneumonia—32 cases notified. The cases occurred as follows :—Borrowash 1, Breaston 1, Chellaston 1, Draycott 1, Elvaston 1, Littleover 2, Melbourne 11, Normanton 1, Ockbrook 1, Sandiacre 1, Sawley 6, Spondon 1, Stanley 2, Stanton-by-Dale 1, West Hallam 1.

Puerperal Fever.—4 cases notified. Aston 1, Spondon 2, Sandiacre 1.

1 case at Sandiacre died ; 1 case at Aston-on-Trent was removed to the Womens' Hospital, Derby, and died there.

1 " In-ward Transfer " died in the Derbyshire Royal Infirmary from Melbourne.

Small Pox.—No cases reported during the year.

Scarlet Fever.—Cases Notified 80

Houses Infected 65

Removed to Hospital ... 57

Deaths 1

Case Mortality ... ... 1·25

The cases occurred as follows :—

Aston-on-Trent—1 case, 1 house infected, removed to hospital 1.

Barrow-on-Trent—1 case, 1 house infected, removed to hospital 1.

Borrowash—8 cases, 6 houses infected, removed to hospital 5.
Breadsall—1 case, 1 house infected, removed to hospital 1.
Chaddesden—6 cases, 3 houses infected, removed to hospital 5.
Dale Abbey—2 cases, 1 house infected, removed to hospital 0.
Draycott—2 cases, 2 houses infected, removed to hospital 2.
Little Eaton—6 cases, 3 houses infected, removed to hospital 6.
Littleover—3 cases, 3 houses infected, removed to hospital 1.
Melbourne—2 cases, 2 houses infected, removed to hospital 1.
Normanton—7 cases, 6 houses infected, removed to hospital 6.
Sawley—26 cases, 25 houses infected, removed to hospital 21.
Spondon—14 cases, 10 houses infected, removed to hospital 7.
Stanley—1 case, 1 house infected, removed to hospital 0.

Tuberculosis.—Cases notified, 58.

Pulmonary Tuberculosis 46

Other Forms 12

Deaths 26

Phthisis death-rate for 1920 and five preceding years :—

1915	1916	Average	1917	1918	1919	1920
0.7	0.6	0.6	0.7	0.5	0.9	0·6

Deaths from Phthisis occurred in the following Parishes :—

PARISH.	AGE.	SEX.	OCCUPATION.
Aston-on-Trent	67	F	Housewife
Borrowash	37	F	Housewife
Spondon	60	F	Housewife
Melbourne	49	M	Miner
Melbourne	34	M	Bootmaker
Sawley	37	M	Draughtsman
Ockbrook	48	F	Housewife
Melbourne	42	F	Housewife (Widow)
Sandiacre	18	F	Nil
Sinfin	20	F	Nil
Borrowash	47	M	Gamekeeper
Stanton-by-Dale	34	M	Nil
Draycott	60	F	Housewife
Draycott	57	M	Lacehand
Stanley Common	$1\frac{3}{4}$	M	Nil
Breaston	18	F	Nil
Borrowash	29	F	Housewife

Transferable Deaths.—Transferred "In" 4.

Shardlow	49	F	Nil
Melbourne	39	F	Housewife
Draycott	64	M	Retired Publican
Normanton	21	F	Domestic

All cases, when recognised, are reported by the Medical Attendant to the Medical Officer of Health. The names are sent to the County Medical Officer of Health, and the Nurse is also informed.

After her visit to the case, the Nurse sends a report to the Medical Officer, noting any sanitary matters requiring attention. The Sanitary Inspector is informed of the same, and gets these matters rectified.

On the death of a person suffering from Tuberculosis, disinfection is carried out under the supervision of the Sanitary Inspector.

The same is also done on the removal of a patient from a house in the District.

Excellent work is done by the Nurse in getting the patients to adopt more healthy modes of living, proper dealing with the sputum, &c.

Generally speaking, any matters in regard to treatment are dealt with through the County Authorities, and any matters in regard to defective Sanitation by the Council.

NON-NOTIFIABLE DISEASES.

Diarrhœal Diseases.—2, compared with 2 in 1919.

Whooping Cough.—Deaths, Nil.

HOUSING SCHEMES.

Sanction of the Ministry of Health has been received to the following sums for purchase of sites :—

Aston-on-Trent	...	£200	repayable in	60 years
Breadsall	... ...	£310	,,	80 ,,
Breaston	... ...	£1,800	,,	,, ,,
Chellaston ...	... ...	£1,150	,,	,, ,,
Little Eaton	... ...	£230	,,	,, ,,
Melbourne	... ...	£1,800	,,	,, ,,
Sandiacre	... ...	£3,500	,,	,, ,,
Spondon	... ...	£6,500	,,	,, ,,
Shardlow ...	... ...	£190	,,	,, ,,
West Hallam	... ...	£920	,,	,, ,,
Weston-on-Trent ...	...	£283	,,	,, ,,
		£16,883		

Deduct Loans raised from

P. W. L. Board—

Melbourne	... ...	£1800	
Spondon	... ...	£6500	
Sandiacre	... ...	£3500	
			£11,800
Leaving to be raised	...		£5,083

Sanction of the Ministry of Health has been received to the Council borrowing the following sums for the erection of houses :—

		£	
Aston-on-Trent	10 houses	10,000	repayable in 60 years
Breaston	66 houses	62,000	,, ,,
Little Eaton	16 houses	15,700	,, ,,
Melbourne	40 houses	45,000	,, ,,
Sandiacre	110 houses	82,000	,, ,,
,,		8,360	,, ,,
Spondon	26 houses	25,600	,, ,,
West Hallam	26 houses	25,700	,, ,,
Weston-on-Trent	10 houses	10,000	,, ,,
		£284,360	

Application sent for sanction to—

		£
Chellaston	22 houses	17,800
Shardlow	10 houses	7,900

Estimate for Scheme at Breadsall (10 houses) for which Tenders have not yet been received		8,000
		£318,060
Deduct amounts lent and promised by the P. W. L. Board—		
Sandiacre	£ 82,000	
Aston	10,000	
Weston	10,000	
Breaston	56,640	
West Hallam	15,000	
Sandiacre	8,360	
		£182,000
Leaving to be raised ...		£136,060

Sanction of the Ministry of Health has been received to the Council borrowing the following sums for works on roads, sewers, etc. :—

Sandiacre	Scheme	...	4,000	repayable	in 25	years
	,,	,,	640	,,	15	,,
Spondon	,,	,,	3,551	,,	20	,,
,,	,,	,,	450	,,	30	,,
Breaston	,,	,,	1,616	,,	20	,,
,,	,,	,,	730	,,	30	,,
			£10,987			

Deduct amount raised from

P. W. L. Board—

Sandiacre... ...	4,000	
Local Housing Bonds allocated to Spondon	1,520	£5,520
Leaving to be raised		£5,467

PROGRESS OF THE SCHEMES

ON JULY 12th, 1921.

Aston-on-Trent.

A site has been purchased on the Weston Road. Area about 1a. 1r. 0p., for 10 houses. Building has commenced of all the houses, two of which are completed and occupied.

Breadsall.

A site has been purchased on the Brookside Road. Area about 1a. 1r. 19p., for 8 houses. Building has not yet commenced.

Breaston.

A site has been purchased on the Draycott Road. Area 11a. 2r. 4p., for 60 houses. Building has commenced, but none are occupied.

The difficulty of obtaining a water supply for these houses has been overcome by arrangements with the Derwent Valley Water Board. Water is to be obtained from the Derwent Valley Main, which runs past the site, by meter, and each house is to be supplied with a 200 gallon tank.

Chellaston.

A site has been purchased on the Station Road. Area about 4a. 24p., for 25 houses. Building has been commenced.

Little Eaton.

A site has been purchased in Chapel Lane, for 16 houses. Building has been commenced.

Melbourne.

A site has been purchased on the Station Road. Area 5a. 2r. 10p., for 40 houses. Fifteen of these houses are now occupied.

Normanton.

A portion of the Derby Borough Housing Scheme is situated in this Parish; 113 houses have been built.

Sandiacre.

A site has been purchased on Victoria Road. Area 12a. 3p., for 110 houses. Forty-four houses are occupied.

Agreement is being come to by the Sandiacre Water Co., to supply water to these houses.

Sawley.

No further steps have been taken to build houses in Sawley, as the portion of the Parish known as New Sawley is shortly to be incorporated with Long Eaton.

Shardlow.

A site has been purchased on the London Road. Area 2 acres for 10 houses. The tenders have been let.

Spondon.

A site has been purchased on the Derby Road. Area 48,579 acres for 26 houses. Of these 6 are occupied.

West Hallam.

A site has been purchased on the Derby Road. Area 1½ acres for 26 houses.

Weston-on-Trent.

A site has been purchased. The Old Gate House Site. Area 1a. 1r. 30p., for 10 houses. Two are occupied.

RENTS.

Rents have been fixed as follows, exclusive of rates :—

	With Parlour.		Without Parlour.	
	s.	d.	s.	d.
Aston-on-Trent	10	6	9	0
Breadsall				
Breaston	11	6	10	0
Chellaston	11	0	9	6
Little Eaton	Not fixed			
Melbourne	11	6	10	0
Sandiacre	11	6	10	0
Shardlow	10	6	9	0
Spondon	11	6	10	0
West Hallam	11	6	10	0
Weston-on-Trent	10	6	9	0

SCHOOLS.

The Sanitary Condition of the Schools throughout the District is good on the whole. They were all systematically inspected during the year, the inspections being apart from visits paid in connection with outbreaks of Infectious Disease.

A total number of 1497 children were examined, including 87 who were examined as "Special Cases," that is to say, children of ages other than 5, 8, or 13, who were considered by the teacher to have some disease requiring attention.

Notices have been sent to parents that children require Medical advice as to the following conditions :—

Enlarged Tonsils	51	Mouth-breathing	2
Tonsils and Adenoids	4	Tuberculosis	2
Adenoids	4	Headaches	3
Goitre	1	Squint	13
Throat	1	Defective Sight	32
Blepharitis	2		
Skin of face	1		
Bronchitis	2		
Deafness	6	Total ...	92

Children are referred for a report on their fitness for School or otherwise by the District Education Committee, and the necessary information supplied.

SCHOOL CLOSURES.

The following Schools were closed during the past year, for the periods stated, on account of the prevalence of Measles in the several Parishes :—

Stanton-by-Dale,	Feb. 2nd to 23rd.	Closed by Council.
Shardlow	Feb. 9th to March 1st.	
Sawley Infants (C.C.)	March 9th to 19th	
Melbourne Council	October 18th to 27th.	
Kirk Hallam	February 9th to 23rd	Closed by Education Committee.
Borrowash	March 12th to end of term.	

Infant Welfare.—Notifications of Births are sent to the Medical Officer of Health for the County. The County Health Visitors visit all infants notified.

There are six Welcomes in the District :—

1 at Melbourne	1 at Sawley
1 at Draycott	1 at Stanley
1 at Spondon	1 at Little Eaton

Five are conducted by the County Council Health visitors, and the one at Stanley by a Voluntary Organisation.

The Welcomes are well attended, and good work is being done.

GENERAL.

Systematic Inspections.—From time to time, with the Inspector, I made the usual routine systematic inspections of the District. Due attention was given to Housing, Water Supplies, Overcrowding, Drainage, Closet Accommodation, and General Sanitation. When necessary, notices were served by the Inspector for the alteration of defects found.

Dairies, Cowsheds, and Milkshops.—The Model Bye-Laws are in force over the whole District. Regular systematic inspection is done by Mr. Forman, and the results will be found in his report.

Offensive Trades.—None are carried on in the District.

Common Lodging Houses.—None in the District.

Bye-Laws, Adoptive Acts, &c.—Bye-Laws with respect to New Streets and Buildings are in force over the whole District. They follow the Model Bye-Laws, and are well enforced. The Council have decided to alter and bring them more up to date, in accordance with the New Model, but up to the present the necessary alterations have not been decided upon.

Urban Powers under Section 42 of the Public Health Act, 1875, are in force at Breaston, Draycott, Littleover, Melbourne, Ockbrook, Normanton, Spondon, Sawley, and Stanley.

The Sanitary Provisions of the Public Health Acts, Amendment Act, 1907, have been in force over the District since Aug. 16th, 1910, as follows :—

In force over Whole District—Sections 15-17, 20, 22, 23-5, 27-38, 43-46; 49, 50, 52-67.

Sections 21 in all Parishes except Aston, Barrow, Breadsall, Chellaston, Dale Abbey, Risley, Stanton-by-Bridge, and Weston.

Sections 39-42 in Littleover, Melbourne, Normanton, Sandiacre, and Spondon only.

Section 45, P.H.A., 1817, has been adopted for the Whole District.

Factories and Workshops' Acts.—The Provisions of these Acts are duly carried out. There are 120 Workshops on the Register, including Bakehouses, and, on the whole, their condition is satisfactory.

Fifteen Lists of Out-Workers were received, representing the names of 67 out-workers. The names of 65 out-workers living in other Districts, but employed by firms in this, were sent to the proper Authorities. The out-work employments are lace and curtain net-mending, chevening stockings, and boot finishing.

The means of escape in case of fire are satisfactory in all factories to which the Section applies.

No instance of the employment of a protected person in a factory or workshop in which no abstract of the Act was posted up came under my notice during the year.

All Bakehouses are registered, and duly inspected. They are all in good structural condition.

There are no underground Bakehouses in the District.

The Home Office Table relating to Factories, &c., will be found on page 25.

Table 1.—Vital Statistics of Whole District during 1920 and Previous Years.

SHARDLOW RURAL DISTRICT.

Year.	Population estimated to middle of each Year.	Births.			Total Deaths Registered in the District.		Transferable Deaths. ‡		Nett Deaths belonging to the District.			
		Uncorrected Number.	Nett.				of Non-residents registered in the District. †	of Residents not registered in the District. †	Under 1 year of age		At all ages.	
			Number †	Rate.*	Number *	Rate.			Number *	Rate per 1000 Births Registered.	Number *	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1914	32,287	683	695	21.6	343	10.6	31	37	61	88	349	10.8
1915	30,959	599	605	19.5	367	11.8	30	33	48	79·3	370	11.9
1916	32,700	658	...	20.1	338	11.2	39	39	35	53	338	11.2
1917	31,933	521	...	16.6	315	12.4	20	50	38	72·9	345	12
1918	34,088	566	...	16.3	447	15.9	36	80	42	70	491	15·9
1919	32,081	576	605	17.95	396	13·5	29	50	56	97·2	417	13·5
1920	32,024	750	803	25·08	303	9·43	33	48	52	64·75	318	9·93

* In Column 6 are included the whole of the deaths registered during the year as having actually occurred within the District.

In Column 12 is entered the number in Column 6, corrected by substraction of the number in Column 8 and by addition of the number in Column 9. Deaths in Column 10 are similarly corrected by substraction of the deaths under 1, included in the number given in Column 8, and by addition of the deaths under 1 included in the number given in Column 8, and by addition of the deaths under 1 included in the number given in Column 9.

‡ "Transferable Deaths" are deaths of persons who, having a fixed or usual residence in England or Wales, die in a district other than that in which they resided. The deaths of persons without fixed or usual residence, *e.g.*, casuals, are not included in Columns 8 or 9, except in certain instances under 3 (*b*) below.

The following special cases arise as to Transferable Deaths :—

(1) Persons dying in Institutions for the sick or infirm, such as hospitals, lunatic asylums, workhouses, and nursing homes (but not almshouses) must be regarded as residents of the district in which they had a fixed or usual residence at the time of admission. If the person dying in an Institution had no fixed residence at the time of admission, the death is not transferable. If the patient has been directly transferred from one such institution to another, the death is transferable to the district of residence at the time of admission to the first Institution.

(2) The deaths of infants born and dying within a year of birth in an Institution to which the mother was admitted for her confinement should be referred to the district of fixed or usual residence of the parent.

(3) Deaths from Violence are to be referred (*a*) to the district of residence, under the general rule ; (*b*) if this district is unknown, or the deceased had no fixed abode, to the district where the accident occurred, if known ; (*c*) failing this, to the district where death occurred, if known ; and (*d*) failing this, to the district where the body was found.

Area of District in Acres (land and inland water)—**44,358.**

Total Population at all ages—30,900 (Census 1911). **Number of Inhabited Houses—7,015** (Census 1911)

Average Number of Persons per House—4.26 (Census 1911.)

TABLE II.

Cases of Infectious Diseases notified during the Year 1920.

SHARDLOW RURAL DISTRICT.

NOTIFIABLE DISEASE.	Cases Notified in whole District.								Total Cases Notified in each Locality.												
	At all Ages.	At Ages—Years.							Arleston and Sinfin. 1	Aston-on-Trent 2	Barrow-on-Trent. 3	Breadsall. 4	Breaston. 5	Chaddesden. 6	Chellaston. 7	Dale Abbey. 8	Hopwell. 9	Draycott. 10	Elvaston. 11	Little Eaton. 12	Littleover. 13
		Under 1	1 to 5.	5 to 15	15 to 25.	25 to 45.	45 to 65	65 and upwards.													
Small Pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera and Plague ..	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria (including Membranous Croup) ...	36	...	8	20	3	4	1	...	..	3	...	...	...	...	...	2	...	...	...	6	2
Erysipelas	19	...	...	3	2	23	10	1	...	...	1	1	1	1	.	..	...	...	...	1	...
Scarlet Fever	80	...	9	55	11	4	1	...	...	1	1	1	...	6	...	2	...	2	...	6	3
Typhus Fever	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Relapsing Fever... ...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Continued Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever... ...	3	...	...	...	1	2	...	...	...	1	..	...	...	...	...	...	...	...	...	...	...
Cerebro-spinal Meningitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Poliomyelitis	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...
Ophthalmia Neonatorum	6	6	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	3	...	...	...
Pulmonary Tuberculosis	45	...	2	6	4	20	8	...	...	...	...	..	2	...	...	...	...	4	...	3	3
Other form of Tuberculosis	12	..	1	7	3	1	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...
Totals	202	6	20	92	29	34	20	1	...	5	2	2	3	7	...	5	...	8	...	16	8

TABLE II (continued). **Cases of Infectious Diseases notified during the Year 1920.**

NOTIFIABLE DISEASE.	Total Cases Notified in each Locality.																	
	Derby Hills. 14	Melbourne. 15	Normanton. 16	Ockbrook and Borrowash. 17	Risley. 18	Sandiacre. 19	Sawley. 20	Shardlow. 21	Sinfin. 22	Spondon. 23	Stanley. 24	Swarkestone. 25	Stanton-by-Bridge. 26	Stanton-by-Dale. 27	Kirk Hallam. 28	West Hallam. 29	Weston-on-Trent. 30	Shardlow Workhouse. 31
Small Pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...
Cholera and Plague ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria (including Membranous Croup) ...	...	11	1	2	...	2	4	...	..	...	2	...	1	..	...	..	...	...
Erysipelas	...	3	...	2	...	2	2	..	...	4	1	...	...	...	...	...	...	...
Scarlet Fever	..	2	7	8	...	...	26	...	...	14	1	...	...	...	...	...	...	...
Typhus Fever	...	..	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Relapsing Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever ...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...
Cerebro-spinal Meningitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Poliomyelitis	...	...	...	...	...	...	...	..	..	...	...	...	...	...	...	...	...	...
Ophthalmia Neonatorum	...	...	1	1	...	...	2	...	...	1	...	...	...	...	...	...	...	...
Pulmonary Tuberculosis	...	9	2	5	...	4	4	1	...	3	2	...	1	1	...	...	1	...
Other form of Tuberculosis	..	2	1	2	...	2	1	...	...	...	...	...	...	...	...	2	...	...
Totals	...	28	12	20		10	39	1		24	6		2	1		2	1	

SHARDLOW RURAL DISTRICT.

TABLE II (continued). **Cases of Infectious Disease removed to Hospital during the Year 1920.**

NOTIFIABLE DISEASE.	Aston-on-Trent. 1	Barrow-on-Tnt 2	Chaddesden 3	Chellaston. 4	Dale Abbey 5	Draycott 6	Elvaston 7	Little Eaton. 8	Melbourne. 9	Normanton. 10	Ockbrookd and Borrowash. 11	Risley. 12	Sandiacre 13	Spondon. 14	Stanley. 15	Sawley 16	Swarkestone. 17	West Hallam 18	Weston-on-Tnt. 19	Stnton-by-Bdge 20	Littleover 21	Breadsall. 22	Total cases
Small Pox	..	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	..	...	...	..	...	...	...
Diphtheria (including Membranous Croup) .	...	...	...	...	...	...	...	1	10	...	1	...	2	...	2	2	...	...	...	1	...	...	19
Erysipelas	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...
Scarlet Fever	1	1	5	...	...	2	...	6	1	6	5	...	...	7	...	21	...	...	...	..	1	1	57
Typhus Fever	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Relapsing Fever... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Continued Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	..	...	...	...
Puerperal Fever... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...		...	...	...
Cerebro-spinal Meningitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Poliomyelitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pulmonary Tuberculosis	...	...	...	...	...	...	...	...	..	...	...	..	...	...	...	...	...	...	...	...	...	...	..
Totals	1	1	5			2		7	11	6	6		2	7	2	23				1	1	1	76

TABLE III.—Occupations of Inhabitants of the Shardlow Rural District (over 10 years) of age. 1911 Census, with deaths in 1920, in nine groups :—

Occupation.	Males.			Females.				Deaths in 1920	
	Total.	Single or Widowed	Married	Total.	Single.	Married	Widowed	Males.	Females
I. General or Local Government of the Country	112	35	77	35	28	5	2		
II. Defence of the Country	9	3	6						
III. Professional and their Subordinate Services	192	56	136	254	216	19	19	16	12
IV. Domestic Offices or Services ...	388	173	215	1124	995	48	81		
V. Commercial Occupations... ...	259	115	144	57	56	1			
VI. Conveyance of Men, Goods, and Messages...	1180	439	741	14	10	2	2	18	1
VII. Agriculture	1834	968	866	131	93	10	28	20	0
VIII. Fishing	—	—	—	—	—	—	—	—	—
IX. In and about Mines and Quarries	888	399	489	2	—	—	2	10	0
X. Metals, Machines, Implements, and Conveyances.	1310	543	767	38	36	2	—	10	0
XI. Precious Metals, Jewels, Watches, &c.	17	7	10	1	1	—	—		
XII. Building and Works of Construction	559	178	381	2	—	—	2	10	0
XIII. Wood, Furniture, Fittings, and Decorations	76	28	48	8	7	—	1		
XIV. Brick, Cement, Pottery and Glass	30	12	18	2	1	1	—		
XV. Chemicals, Oils, Grease, Soap, Resin, &c.	142	32	110	—	—	—	—	3	1
XVI. Skins, Leather, Hair & Feathers	9	6	3	—	—	—	—		
XVII. Paper, Prints, Books & Stationery	85	37	48	34	29	4	1		
XVIII. Textile Fabrics	1431	718	713	1107	993	93	21	11	5
XIX. Dress...	416	179	237	494	425	55	14		
XX. Food, Tobacco, Drink & Lodging	546	227	319	172	68	67	37		
XXI. Gas, Water, Electricity, and Sanitary Service	77	15	62	—	—	—	—	14	1
XXII. Other, Undefined Workers and Dealers.	367	169	198	36	28	5	3		
Total Occupied ...	9927	4339	5588	3511	2986	312	213	97	15
XXIII. Without Specified Occupations or Unoccupied.	1861	1620	241	8927	2573	5581	773	2	122
Total (aged 10 years and upwards) Occupied and Unoccupied ...	11788	5959	5829	12438	5559	5893	986	9	119

TABLE V.

CAUSES OF DEATH FOR YEAR 1920, IN SHARDLOW RURAL DISTRICT.

CIVILIANS ONLY.

Causes of Death.	Males.	Females.
1 Enteric Fever	—	—
2 Small Pox	—	—
3 Measles	4	5
4 Scarlet Fever	1	—
5 Whooping Cough	—	—
6 Diphtheria and Croup	1	1
7 Influenza	1	1
8 Erysipelas	—	—
9 Pulmonary Tuberculosis	8	13
10 Tuberculous Meningitis	1	—
11 Other Tuberculous Diseases	1	3
12 Cancer, malignant disease	11	19
13 Rheumatic Fever	—	1
14 Meningitis	1	—
15 Organic Heart Disease	16	21
16 Bronchitis	10	12
17 Pneumonia, (all forms)	7	9
18 Other Respiratory Diseases	1	3
19 Diarrhœa, &c. (under 2 years).	1	1
20 Appendicitis & Typhlitis	1	—
21 Cirrhosis of Liver	1	—
21a Alcoholism	—	—
22 Nephritis and Bright's Disease	3	5
23 Puerperal Fever	—	3
24 Parturition, apart from puerperal fever	—	1
25 Congenital Debility, &c.	14	5
26 Violence, apart from suicide	4	2
27 Suicide	2	—
28 Other Defined Diseases	55	65
29 Causes ill-defined or unknown	2	2
Totals	146	172
Special Causes (included above)		
Cerebro spinal fever	1	—
Poliomyelitis	1	—
Deaths of infants under 1 year of age	32	20
Illegitimate	2	—
Total Births	398	405
Legitimate	386	394
Illegitimate	12	11

Population (for Births and Deaths) 32024.

STATISTICS supplied by the General Register Office,
Somerset House, London, W.C.

April, 1921.

TABLE IV.

SHARDLOW RURAL DISTRICT.

INFANT MORTALITY.

1920. Nett Deaths from stated causes at various Ages under 1 Year of Age.

Cause of Death.	Under 1 Week	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total Deaths under 1 Year.
All Causes { Certified ..	15	6	6	4	31	8	7	4	3	53
All Causes { Uncertified ..	...	.	...	...	...	...	...	..	...	..
Small Pox ..	...	...	...	...	...	...	...	...	..	...
Chicken Pox . ..	...	...	...	...	...	...	...	...	...	...
Measles	...	...	..	...	...	...	...	..	2	2
Scarlet Fever ..	...	...	...	...	...	...	...	...	...	...
Whooping Cough ...	...	...	...	..	...	...	..	...	..	...
Diphtheria and Croup .	..	...	...	...	...	...	1	..	...	1
Erysipelas	..	...	...		..	...	...	..	...	...
Tuberculous Meningitis ...	...	...	...	...	..	...	...	...	...	...
Abdominal Tuberculosis ...	...	...	...	..	...	...	...	...	..	...
Other Tuberculous .. Diseases ..	...	...	...	...	...	...	...	..	..	..
Meningitis (*not Tuberculous*) ..	..	...	...	.	...	..	...	..	...	...
Convulsions	2	1	...	2	5	...	1	...	...	6
Laryngitis	.	...	...	...	.	...	...	..	...	...
Bronchitis	1	...	1	1	3	4	2	1	..	10
Pneumonia (all forms) ...	...	...	...	...	...	...	2	...	...	2
Diarrhœa	...	...	...	1	1	1	2	...	..	4
Enteritis	...	...	...	...	...	...	...	...	..	..
Gastritis	..	...	...	...	...	..	...	...	..	...
Syphilis	..	..	...	..	..	...	...	...	...	...
Rickets	...	...	..	...	..	...	...	...	...	...
Suffocation, overlaying ..	...	...	...	...	...	..	...	..	...	..
Injury at birth	.	.	...	...	...	..	..	...	...	...
Atelectasis	1	...	...	...	1	...	...	..	...	1
Congenital Malformations		...		...	...	..		...	..	...
Premature birth	10	5	5	..	20	3	...	1	1	25
Atrophy, Debility, and Marasmus	..	..	...	...	..	..	..	...	...	.
Other Causes	1	...	...	...	1	1	..	..	...	2
Influenza	..	..	...	.	...	..	...	...	..	..
Intersusseption	...	...	...	...	...	...	...	..	...	...
Totals.	15	6	6	4	31	8	7	4	3	53

Nett Births in the Year **803**. Nett Deaths in the Year of Legitimate Infants, **51**.
Illegitimate Infants, **2**.

TABLE IX.

FACTORIES, WORKSHOPS, LAUNDRIES, WORKPLACES & HOMEWORK.

SHARDLOW RURAL DISTRICT.

1.—INSPECTION.

Including Inspections made by Inspector of Nuisances.

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions
Factories			nil
Workshops	43	17	nil
Workplaces	—	—	nil
Total	43	17	nil

HOME WORK.

NATURE OF WORK.	Lists received from Employers.			
	Twice in the Year.		Once in the Year.	
	Lists	Out-workers	Lists.	Out-workers.
Wearing Apparel	3	7	4	6
Lace, Curtains, and Nets	4	40	4	21
Total	7	47	8	27

Registered Workshops—195

Retail Bakehouses	16
Other Workshops	97
Total Number on Register	113

RATCLIFFE & KINGSTON-ON-SOAR.

Area in Acres	2466
Inhabited Houses	80
Population, Census 1911 :—	
Kingston and Ratcliffe	407

Births registered during 1920 :—

Kingston, Nil.

Ratcliffe—Males 2 ; Females, 2.

Deaths registered during 1920 :—

Kingston,—Male 1 ; Female 2.

Ratcliffe—Male, Nil ; Female, 1.

SHARDLOW RURAL DISTRICT COUNCIL.

——:o:——

Table showing action taken by Sanitary Inspector during 1920.

Area of District 44,358 Acres. Estimated No. of Houses, 8079, New Houses erected during 1920 : 210. (Derby Corporation 104, Council Housing 32, Private Enterprise 74.)

TABLE VI.

Housing and Town Planning.

No. of Houses Inspected under Section 17	406
No. Unfit for Habitation	35
Representations made to Local Authority as to Closing Orders...	2
Closing Orders made	2
Number Repaired without Closing Order	51
Number Repaired after Closing Orders	0
Number Closed	13
Number Demolished	12
Number Repaired Voluntarily	3

Drainage—

	No. of Informal Notices Served by Sanitary Inspector.	No. of Legal Notices Served by Local Authority.	No. of Nuisances Abated with or without Notice.
No Disconnection of Waste Pipe	2	—	2
Defective Traps, Inlets and Drains	137	—	68
Drains Obstructed	51	1	50
Closets and Ashpits—			
Insanitary Privies, Pail Closets and Ashpits	520	11	374
Additional Closet Accommodation	26	2	33
Conversion of Privies into W.C.'s	16	—	10
Conversion of Pail Closets into W.C's	2	—	13
Defective Water Closets	51	—	62
Ashpits Abolished and Bins Provided	—	—	65
Conversion of Privies into Pl. Closets	—	—	52

TABLE VI. (*Continued.*)

Other Defects—

Paving of Courts and Yards	121	18	69
Eaves-Spouts and Down-Spouts	66	—	38
Defective Urinals	37	—	24
Water Supply	86	—	64
Offensive Accumulations	277	—	317
Animals improperly kept	3	—	4
Pigsties	13	1	8
Smoke Nuisances	2	—	—
Overcrowding	8	1	4
Water in Cellars	2	—	3
Foul Condition of Houses	15	—	11
Nuisances not specified above	32	—	24
Totals ...	1467	34	1178

Miscellaneous—

	No. on Register.	Inspections Made.	Notices Served.	Nuisances Abated with or without Notice.
Dairies, Cowsheds, and Milkshops	319	173	52	31
Bakehouses	16	21	6	5
Slaughterhouses	18	31	13	5
Offensive Trades—None in District.				
Common Lodging Houses—None in District.				
Factories and Workshops	195	43	17	13
Totals ...	548	268	88	54

Increase of Rent, Etc. (Restrictions) Act, 1920 :—

No. of Applications for Certificates under Section 2 : 10. Granted 9.

Housing, Town Planning, Etc., Act, 1919.

Notices Served under Section 28 : 3.

Notices Complied with : 1.

No. of Houses Repaired by Council : 0.

Infected Rooms Disinfected (Formalin Method) : 135.

Samples of Water Analysed : 2.

Samples of Milk Analysed : 0.

Prosecutions : 0.

Food Seizures : 0.

Food Voluntarily Surrendered—126 lbs. of Beef.
138 lbs. of Fish.
Various Offals.

Signed, F. G. FORMAN, M.S.I.A. ; A.R. San. I.,
Chellaston, Derby.

February, 1921.

TABLE VII.

CLOSET ACCOMMODATION.

TABLE showing approximate Closet Accommodation for 1920.

Parish.	No. of W.'C.'s.	No. of Pail Closets.	No. of Privies.
Arleston and Sinfin	—	2	4
Aston-on-Trent	12	97	19
Barrow-on-Trent	8	22	38
*Breadsall	18	19	45
Breaston	18	198	50
*Chaddesden	10	14	51
Chellaston	22	34	79
*Dale Abbey	2	17	35
Derby Hills	2	1	3
Draycott	29	353	79
Elvaston	12	14	43
Hopwell	2	1	3
*Kirk Hallam	2	3	10
*Little Eaton	40	51	102
*Littleover	398	47	33
*Melbourne	271	146	206
Normanton	135	42	12
Ockbrook & Borrowash	43	470	112
Risley	8	15	25
*Sandiacre	240	465	149
*Sawley & Wilsthorpe	45	619	126
Shardlow	17	34	77
Sinfin Moor	—	3	6
*Spondon	123	328	140
*Stanley & Stanley Common	15	145	97
*Stanton-by-Bridge	2	6	14
*Stanton-by-Dale	35	37	50
Swarkestone	1	5	12
*West Hallam	71	46	63
Weston-on-Trent	8	12	35
Kingston-on-Soar	12	20	8
Ratcliffe-on-Soar	1	8	11
Totals ...	1602	3274	1737

* Denotes Public Water Supply.

TABLE VIII.

COST OF PUBLIC SCAVENGING.

Table showing cost of Public Scavenging for the year 1920.

Those Parishes marked * are scavenged by Public Administration. The remainder by Contract.

Parish.	Cost per House 1920.			Total Cost		
Aston-on-Trent ...	...	15	0	96	0	0
Breaston	...	14	6½	232	5	0
*Draycott ...	1	4	6¾	671	1	8
Little Eaton ...	1	2	11¼	314	10	6
Littleover	...	13	0¾	294	7	0
*Melbourne ..	...	11	1½	506	4	6
Normanton ...	...	13	0½	188	5	10
Ockbrook & Bor'w'sh	...	13	11¾	510	17	6
Sandiacre ...	...	11	5½	518	15	0
*Sawley	...	17	4¾	687	6	0
Spondon	...	11	2¾	414	0	0
Stanley & Stnly Com	1	0	1½	305	1	8
Total Cost ...	...	...	...	4738	14	8
Average Cost per House				...	15	8½

The cost of Public Scavenging has again increased considerably, the average cost per house being 2/9½ more than in 1919. This can be attributed to the further rise in the cost of living, which took place in 1920, wages being raised as a consequence. Though the cost was greater, it is satisfactory to note that the work was performed in a better manner.

In one Parish there was actually a considerable decrease in the average cost per house, viz., Normanton. This was due to the erection of 113 houses, all having water closets. Melbourne was again the cheapest, closely followed by Spondon and Sandiacre. Draycott and Sawley show the greatest increase, the cost of the former being nearly twice as much as in 1919. The purchase of a new cart and heavy expenditure over horses at Draycott are chiefly responsible for the extra cost. Also the wages paid to the scavengers at Draycott and Sawley are the highest in the District.

There is every indication that prices have reached the high-water mark, as the cost of living is gradually decreasing, and there is more competition for the contracts than there has been for a number of years, even in pre-War days. The figures for 1921 should show a reduction.

It appeared probable at one time that the District Council would have to follow the example of the Basford Rural District Council, and do all the scavenging in the District by "direct labour," owing to the difficulty in obtaining Tenders ; but, as mentioned above, there is now no trouble in this direction. "Direct labour" may be more efficient (though there are contractors in the District whose work compares very favourably with that done in the Parishes employing "direct labour"), but it is more costly, especially when adopted for a whole Rural District, as it means additional officials and special gangs of men, together with the purchase and upkeep of lorries.

TABLE X.

PUBLIC WATER SUPPLIES.

TABLE, showing Parishes having public water supplies, with the number of houses supplied and number of water closets, up to 31st Dec., 1920.

Parish.	Means of Supply.	No. of Houses.	Houses Supplied	Per-centage Supplied.	No. of W.C's.
*Breadsall ...	Derby Mains ...	129	42	32.5	18
Chaddesden ...	Derby Mains ...	132	34	25.7	10
Dale Abbey ...	Stanley & West Hallam Mains...	89	3	3.4	2
Kirk Hallam ...	Ilkeston Mains...	19	1	5.5	2
Littleover ...	Derby Mains ...	450	366	81.3	398
Little Eaton ...	Derby Mains ...	274	176	64.2	40
Melbourne ...	Long Eaton Mains	910	727	79.8	271
Normanton ...	Derby Mains ...	289	222	76.7	246
Sandiacre ...	Sandiacre & Stapleford Water Co....	908	591	65.0	231
Sawley	Long Eaton Mains	790	54	6.9	45
Spondon	Derby Mains ...	737	240	32.5	123
Stanley	Stanley & West Hallam Mains...	303	303	100.0	15
*Stanton-by-Bridge	Long Eaton Mains	30	17	56.6	2
Stanton-by-Dale	Ilkeston ... Mains	160	125	78.1	35
West Hallam ...	Stanley & West Hallam Mains...	220	212	96.3	71
	Totals	5440	3113	57.2	1509

* Also Number of Farms supplied by private pipe service from springs.

CANAL BOATS ACTS.

Annual Report for Year ended 31st Dec., 1920.

To the Chairman and Members of the Shardlow Rural District Council.

GENTLEMEN,

In accordance with Section 3 of the Canal Boats Act, 1884, I beg to submit my Annual Report for the Year ended December 31st, 1920.

24 Boats were inspected, which were registered for 75 persons, and occupied by 25 men, 6 women, and 6 children.

No cases of overcrowding and non-separation of the sexes were observed.

4 Boats needed minor repairs, 1 painting, and two were not properly marked. Notices were served on the owners to remedy these defects.

No other infringement of the Acts were found, and the general appearance of the Boats and health of the occupants were very satisfactory.

I am, Gentlemen,
Your obedient Servant,
F. G. FORMAN,
Inspector of Canal Boats.

Chellaston, Derby,
Jan. 7th, 1921.

Table XI.—Table Showing Action taken during 1920, under Housing Acts, 1890-1919.

PARISH.	No. of Houses in Parish. 1	No. Insp from 1909 to endof 1920 2	No. Insp. in 1920. 3	No. Unfit. 4	Closing Orders. 5	Number Closed. 6	No. Repair'd without C.O. 7	No. Repair'd after C.O. 8	No. Repair'd Volun-tarily. 9	Total No. Repair'd 10	Demo-lition Orders. 11	No. Demol-ished aftr D.O 12	No. Demol-ished Voluntly. 13	Dealt with P.H.A. 14	New Houses Built in 1910 to 1919 15	1920 16	1910 to 1920 17
Arleston and Sinfin	8	6															
Aston-on-Trent ...	128	112	5				1			1				3	3		3
Barrow-on-Trent	64	34	4	1			1			1				4	1		1
Breadsall... ...	129	27	2	1		1								1	1		1
Breaston ...	319	154	18											16	24	1	25
Chaddesden ...	132	49				1				1	1				4	6	10
Chellaston ...	216	80	6	1			1			1				4	12	6	18
Dale Abbey ...	89	50	5	1		1								4			
Derby Hills ...	9	1													1		1
Draycott	546	236	35	2			2			2				31	14	3	17
Elvaston	112	75	1				3			3							
Hopwell	8	1															
Kirk Hallam ...	19	5													1		1
Little Eaton ...	274	163	38				1			1				37	3	5	8
Littleover ...	450	132	6	1	1		1			1				2	104	9	113
Melbourne ...	910	388	74	13		6	7			7		9	1	45	20	1	21
Normanton ...	289	74	30	4			3			3			1	20	37	113	150
Ockbrook & Borrowash	730	305	27	2			7		1	8				16	33	2	35
Risley	73	12					1			1					6		6
Sandiacre ...	908	354	40	5		2	4			4				35	68	43	111
Sawley	790	1003	33				13		1	14			1	7	47	11	58
Shardlow... ...	208	56	10	2	1	2	1			1				8		1	1
Sinfin Moor ...	12	7															
Spondon	737	326	43	1			2			2				42	53		53
Stanley	303	176	16						1					14	6		6
Stanton-by-Bridge	30	19	4											4			
Stanton-by-Dale...	160	26	4											3	6	8	14
Swarkestone ...	41	6	1											1			
West Hallam ...	220	54	3											3	61	1	62
Weston-on-Trent	82	47	1	1			3			3					2		2
Kingston-on-Soar	52	1													1		1
Ratcliff-on-Soar...	31	5															
Totals ...	8079	3984	406	35	2	13	51	0	3	54	1	9	3	300	508	210	718

N.B.—Columns Nos. 3-14 refer only to 1920.

1910-20 : Number Closed, 135. Demolished, 51.

F. G. FORMAN, M.S.I.A., A. R. San. I., Sanitary Inspector and Surveyor, Chellaston, Derby.